



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application

Inventor: Richard M. Ehrlich
Appl. No.: 10/621,048
Confirm. No.: 8810
Filed: July 16, 2003
Title: Systems for Searching for SAM Patterns at
Multiple Nominal Frequencies

PATENT APPLICATION

Art Unit: 2651
Examiner: Faber, Alan
Atty. Docket No. PANA-01046USE

Customer No. 23910

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.56

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

It is requested that the information identified in this statement be considered by the Examiner and made of record in the above-identified application. This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56. If this is a continuation, divisional or continuation-in-part application, it is understood that the Examiner will consider all information which was considered by the Office in a parent application. MPEP §609. Such information therefore is not listed herein unless it is desired that the information be printed on a patent issuing from the subject application.

Enclosed with this statement are the following:

- X Form PTO-1449. The Examiner is requested to initial the form and return it to the undersigned in accordance with M.P.E.P. §609.
- X The present application is being/was filed after June 30, 2003. In accordance with the pre-official gazette waiver of 37 CFR 1.98 (a)(2)(i) posted at: pac/dapp/opla/preognotice/idswouscopies.htm, copies of cited U.S. patents and publications are not enclosed. However, copies of cited foreign patent documents and non-patent literature are enclosed in accordance with 37 CFR 1.98(a)(2), as still required, except for those items designated by an asterisk (*), which were previously submitted by the applicant in a parent application, from which benefit under 35 U.S.C. §120 is claimed, with an *Information Disclosure Statement* submitted in the parent application which complies with the September 8, 2000 or subsequent revision of 37 C.F.R. §1.98(a-c), as allowed under 37 C.F.R. §1.98(d)(1).

This statement should be considered because:

- X 37 C.F.R. §1.97(c). Although it may not qualify under subsection (b), this statement qualifies under 37 C.F.R. §1.97, subsection (c) because:
- (1) It is being filed before the mailing date of a FINAL Office Action, a Notice of Allowance, or an action that otherwise closes prosecution in the subject application, whichever occurs first.

-- AND (check at least one of the following) --

- (1) It is accompanied by a STATEMENT as set forth in 37 C.F.R. §1.97(e).
-- OR --
X (2) It is accompanied by the \$180 fee set forth in 37 C.F.R. §1.17(p).

✓ **Fee Authorization.** The Commissioner is hereby authorized to charge any deficiencies or credit any overpayment to Deposit Account No. 06-1325.

Respectfully submitted,

FLIESLER MEYER LLP

Date: 4/21/05

By: Jeffrey R. Kurin
Jeffrey R. Kurin
Reg. No. 41,132

FLIESLER MEYER LLP
Four Embarcadero Center, Fourth Floor
San Francisco, California 94111-4156
Telephone: (415) 362-3800
Facsimile: (415) 362-2928
Customer No. 23910

FORM PTO-1449

(Substitute)

US DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

Attorney Docket Number

PANA-01046USE

Serial No.

10/621,048

**INFORMATION DISCLOSURE CITATION
BY APPLICANT**

(Use several sheets if necessary)

Applicant

Richard M. Ehrlich

Filing Date

July 16, 2003

Group Art Unit

2651

U.S. PATENTS

| Examiner Initial | Patent Number | Issue Date | Name | Class | Subclass | Filing Date |
|------------------|---------------|------------|-----------------|-------|----------|-------------|
| 1. | 4,188,646 | 2/12/1980 | Sordello et al. | | | |
| 2. | 4,271,519 | 6/2/1981 | Hall | | | |
| 3. | 5,585,975 | 12/17/1996 | Bliss | | | |
| 4. | 6,108,153 | 8/22/2000 | Glover | | | |
| 5. | 6,122,131 | 9/19/2000 | Jeppson | | | |
| 6. | 6,181,505 | 1/30/2001 | Sacks et al. | | | |
| 7. | 6,392,831 | 5/21/2002 | Yeo et al. | | | |
| 8. | 6,487,032 | 11/26/2002 | Cloke et al. | | | |
| 9. | 6,504,663 | 1/7/2003 | Hirano et al. | | | |
| 10. | 6,525,615 | 2/25/2003 | Masenas et al. | | | |
| 11. | 6,545,836 | 4/8/2003 | Ioannou | | | |
| 12. | 6,594,103 | 7/15/2003 | Despain | | | |
| 13. | 6,678,110 | 1/13/2004 | Ellis | | | |
| 14. | 6,680,807 | 1/20/2004 | She et al. | | | |
| 15. | 6,760,173 | 7/6/2004 | Kuki et al. | | | |

U.S. PATENT PUBLICATIONS

| Examiner Initial | Patent Application Publication Number | Publication Date | Applicant |
|------------------|---------------------------------------|------------------|---------------|
| 16. | 2003/0026363 A1 | 2/6/2003 | Stoter et al. |
| 17. | 2003/0026017 A1 | 2/6/2003 | Chong et al. |
| 18. | 2005/0013026 A1 | 1/20/2005 | Ehrlich |
| 19. | 2005/0013027 A1 | 1/20/2005 | Ehrlich |
| 20. | 2005/0013030 A1 | 1/20/2005 | Ehrlich |
| 21. | 2005/0063087 A1 | 3/24/2005 | Ehrlich |

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if references considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*1 = Copy not submitted because it was submitted in prior application SN _____, filed _____, 20____, relied on under 35 USC §120.

*2 = Copy not submitted because it was submitted in prior application SN _____, filed _____, 20____, relied on under 35 USC §120.

| | | | | |
|--|--|--|--|---------------------------------|
| FORM PTO-1449 (Substitute) INFORMATION DISCLOSURE CITATION BY APPLICANT (Use several sheets if necessary) | US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | Attorney Docket Number PANA-01046USE | Serial No. 10/621,048 |
| | Applicant Richard M. Ehrlich | | | |
| | Filing Date July 16, 2003 | | Group Art Unit 2651 | |

| | | | |
|-----|-----------------|-----------|---------|
| 22. | 2005/0063088 A1 | 3/24/2005 | Ehrlich |
| | | | |

PENDING U.S. PATENT APPLICATIONS

| Examine r Initial | Application Number | Filing Date | First Named Inventor | Petition to Expunge? Yes No |
|----------------------|--------------------|-------------|----------------------|-------------------------------------|
| | | | | |
| | | | | |

FOREIGN PATENT DOCUMENTS

| Examine r Initial | Document Number | Publication Date | Country | Class | Subclass | Trans- lation Yes No |
|----------------------|-----------------|------------------|---------|-------|----------|------------------------------|
| | | | | | | |
| | | | | | | |

OTHER DOCUMENTS (Include author (if any), title, publisher and place of publication, date and pertinent pages)

| | |
|-----|---|
| 23. | Abramovitch et al., "Customizable Coherent Servo Demodulation for Disk Drives," September 1998, IEEE/ASME Transactions on Mechatronics, Vol. 3, No. 3, pp. 184-193. |
| | |
| | |

| | |
|---|-----------------|
| EXAMINER | DATE CONSIDERED |
| EXAMINER: Initial if references considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |
| *1 = Copy not submitted because it was submitted in prior application SN _____, filed _____, 20____, relied on under 35 USC §120. | |
| *2 = Copy not submitted because it was submitted in prior application SN _____, filed _____, 20____, relied on under 35 USC §120. | |